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MAY 16 2006

PTO/SB/21 (08-04)

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FORM

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Total Number of Pages in This Submission

6

Application Number	10/719,370
Filing Date	11/21/2003
First Named Inventor	Donna T. Ward
Art Unit	1836
Examiner Name	Jane J. Zara

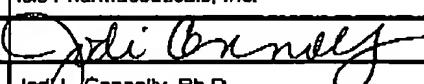
Attorney Docket Number

PTS-0070US.P1

ENCLOSURES (Check all that apply)

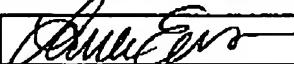
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Preliminary Amendment <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Isis Pharmaceuticals, Inc.		
Signature			
Printed name	Jodi L. Connolly, Ph.D.		
Date	05/16/2006	Reg. No.	54,044

CERTIFICATE OF TRANSMISSION/MAILING

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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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CENTRAL FAX CENTERAPPLICANTS: Ward et al.
SERIAL NO: 10/719,370

MAY 16 2006

DOCKET NO: PTS-0070US.P1 (ISIS.038CP1)

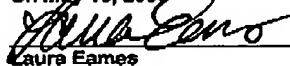
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No.:	PTS-0070US.P1 (ISIS.038CP1)	Customer No.:	55389
Applicants:	Ward et al.	Confirmation No.:	3593
Serial No.:	10/719,370	Group Art Unit:	1635
Filed:	November 21, 2003	Examiner:	Zara, Jane J.

Title: **MODULATION OF HIF1(ALPHA) AND HIF2(ALPHA) EXPRESSION**

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On May 16, 2006


Laura Eames

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Examiner:

REPLY UNDER 37 C.F.R. § 1.111

This is a reply to the Restriction Requirement mailed April 21, 2006, setting a one (1) month period for response. Please enter the following amendments and remarks into the record.

Amendments to the Claims are reflected in the listing of claims which begins on page 2.

Remarks begin on page 5.